

## ABSTRACT OF THE DISCLOSURE

A projector 1 is mainly composed of a polarized light beam illumination device, a collimating lens 170a, polarized beam splitter, a reflection-type liquid crystal device, and a projection optical system. The polarized light beam illumination device includes a light source, a first optical element, and a second optical element. Light emitted from the light source is divided into a plurality of intermediate light beams by the first optical element, and then converted into polarized light beams having substantially one polarization direction by the second optical element. The polarized light beams enter the collimating lens, are transmitted by the polarized beam splitter, modulated by the reflection-type liquid crystal device, reflected by the polarized beam splitter, and then projected on a projection plane via the projection optical system.